

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A data processing network configuration, comprising;
an access point configured to receive and store a request to retrieve information from a mobile system associated with the access point;
a mobile system having a wireless network adapter, the wireless network adapter being configured to periodically wake from a powered down state and poll the access point to discover the stored request for information on the access point ~~while the mobile system is in a powered down state and without waking the mobile system;~~
wherein the wireless network adapter is configured to respond to discovery of the stored request by retrieving the requested information from nonvolatile storage of the mobile system and transmitting the requested information via the wireless network adapter to the access point and subsequently return to the powered down state in response to transmitting the requested information.
2. (Original) The network of claim 1, wherein the access point is configured to recognize the request as a packet containing a media access control (MAC) address repeated multiple times and an appended control field.
3. (Previously Presented) The network of claim 1, wherein the mobile system is further configured, when in a powered down state, to periodically wake up the wireless

network adapter to poll the access point for pending requests, wherein the mobile system is configured to remain in the powered down state while the wireless network adaptor is responding to the discovery of the stored request by retrieving the requested information from nonvolatile storage, and wherein the nonvolatile storage is connected directly to the wireless network adaptor via a system management bus.

4. (Original) The network of claim 1, wherein the access point is configured to store the pending request in a table having an entry for each mobile system associated with the access point.

5. (Previously Presented) The network of claim 4, wherein the access point is configured to allocate an entry in the table when a mobile system associates with the access point, wherein asset information from the mobile system is stored in the allocated entry associated with the mobile system.

6. (Previously Presented) The network of claim 1, wherein the access point is further configured to store asset information of the mobile system in a table of the access point.

7. (Previously Presented) A computer program product for remotely retrieving information from a powered-down mobile data processing system, the program product comprising processor executable instructions stored on computer readable media, comprising:

computer readable storage medium containing code which configures an access point to store a server request for asset information from the powered-down mobile system

wherein the powered-down mobile system is associated with the access point and has a wireless network adapter;

computer readable storage medium containing code which configures the wireless network adapter to periodically wake from a powered down state and poll the access point for the request for asset information while the powered-down mobile system remains powered down; and

computer readable storage medium containing code which configures the wireless network adapter to retrieve the asset information and forward the retrieved information to the access point in response to detecting the stored request for asset information without waking the powered-down mobile system, and wherein the wireless network adapter returns to the powered down state subsequent to forwarding the retrieved information.

8. (Previously Presented) The computer program product of claim 7, wherein the computer readable storage medium containing code which configures the mobile system to retrieve the asset information contains code to configure the mobile system to access the asset information from nonvolatile storage on the mobile system while the network adapter is powered on, wherein the nonvolatile storage is connected directly to the wireless network adaptor via a system management bus, and wherein the computer readable storage medium containing code which configures the mobile system to retrieve the asset information further contains code to configure the mobile system to forward the retrieved information without placing the mobile system in a power-on state.

9. (Previously Presented) The computer program product of claim 7, wherein the computer readable storage medium containing code which configures the wireless network adapter to periodically poll the access point contains code which configures the mobile system to periodically wake the wireless network adapter to poll the access point, wherein

the mobile system is configured to remain in the powered down state while the wireless network adaptor is responding to the discovery of the stored request by retrieving the requested information from nonvolatile storage, and wherein the nonvolatile storage is connected directly to the wireless network adaptor via a system management bus.

10. (Previously Presented) The computer program product of claim 7, wherein the computer readable storage medium containing code which configures the access point to store the server request contains code which configures the mobile system to store the request in a table on the access point having an entry for each mobile system associated with the access point.

11. (Original) The computer program product of claim 10, wherein each table entry contains a MAC address of the corresponding wireless network adapter.

12. (Previously Presented) The computer program product of claim 11, wherein the mobile system stores its asset information in the table and computer readable storage medium containing code which configures the access point to store the asset information further contains code to configure the access point to, responsive to a subsequent request for the mobile system's asset information, service the request using asset information stored at the access point.

13. (Original) The computer program product of claim 7, wherein the server request includes the MAC address of the wireless adapter on the mobile system of interest to the server repeated sixteen times and a control field appended thereto.

14. (Currently Amended) A service method for enabling a server to remotely access data from a powered down mobile data processing system, the method comprising:

enabling the server to transmit a request to retrieve information from a mobile system;
enabling an access point associated with the mobile system to recognize the request and to store information indicative of the request on the access point if the request is addressed to a mobile system associated with the access point which is presently powered down;

enabling the mobile system to periodically poll the access point for a pending request by waking only a wireless network adapter of the mobile system to perform the periodic polling;

enabling the wireless network adapter of the mobile system, responsive to detecting the stored request for information from the server, to retrieve the requested information and to transmit the requested information to the server through the access point ~~without waking the mobile system~~, and subsequently return to a powered down state.

15. (Currently Amended) The service method of claim 14, wherein enabling the server to transmit a request includes enabling the server to transmit a packet containing a media access control address of the wireless network adapter repeated multiple times and a control field appended thereto.

16. (Previously Presented) The service method of claim 15, wherein enabling the access point to store information indicative of the request comprises enabling the access point to store information indicative of the request in a table having an entry corresponding to each mobile client associated with the access point, wherein each entry in the request contains the MAC address of the corresponding mobile system's wireless network adapter.

17. (Previously Presented) The service method of claim 16, wherein each entry in the table is further enabled to store the corresponding mobile system's MIF asset information.

18. (Previously Presented) The service method of claim 17, wherein the server request is a request for the mobile system's asset information and wherein the access point services the request itself if the table contains a valid copy of the mobile client's asset information.

19. (Previously Presented) The service method of claim 14, wherein enabling the mobile system to retrieve the information includes enabling the wireless adapter to retrieve data from nonvolatile storage directly connected to the wireless network adapter via a system management bus.

20. Cancelled.

21. (Previously Presented) The service method of claim 14, wherein enabling the mobile system to query the access point, comprises enabling the client to query the access point during a subsequent mobile client power on event causing the mobile client to associate with the access point.